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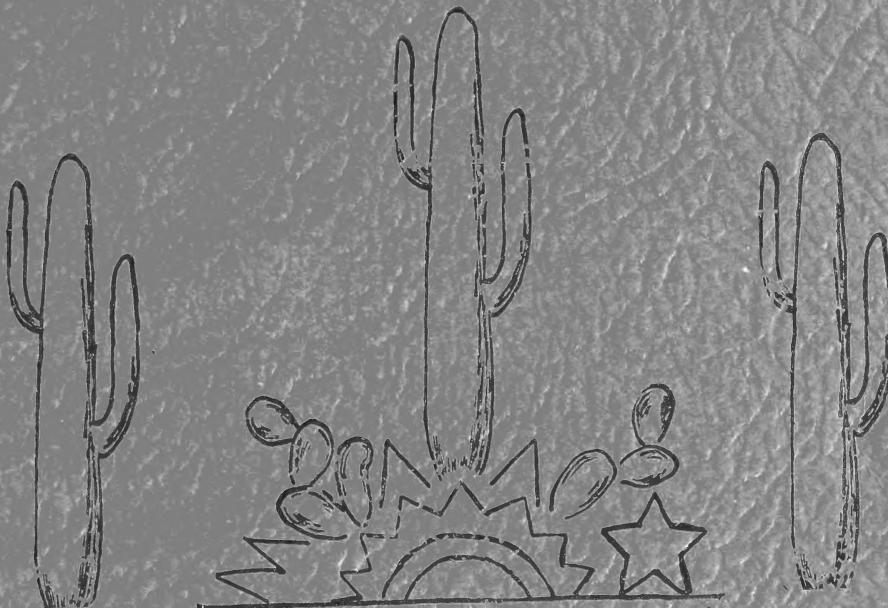
62.

A LIFEBOAT IS A TOY FOREVER

FITZPATRICKS CACTUS GARDENS

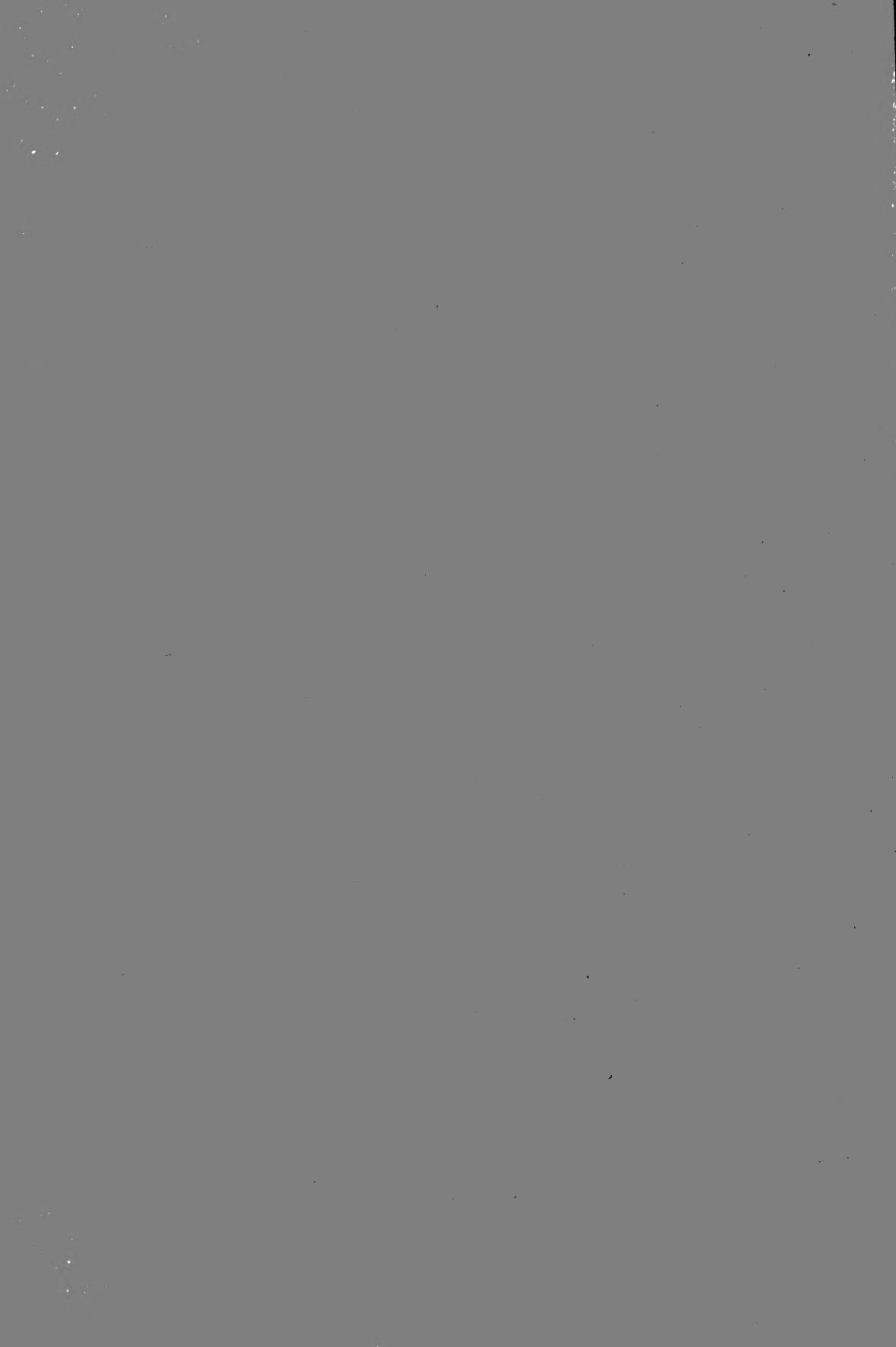
700 S. CLOSER BLVD.

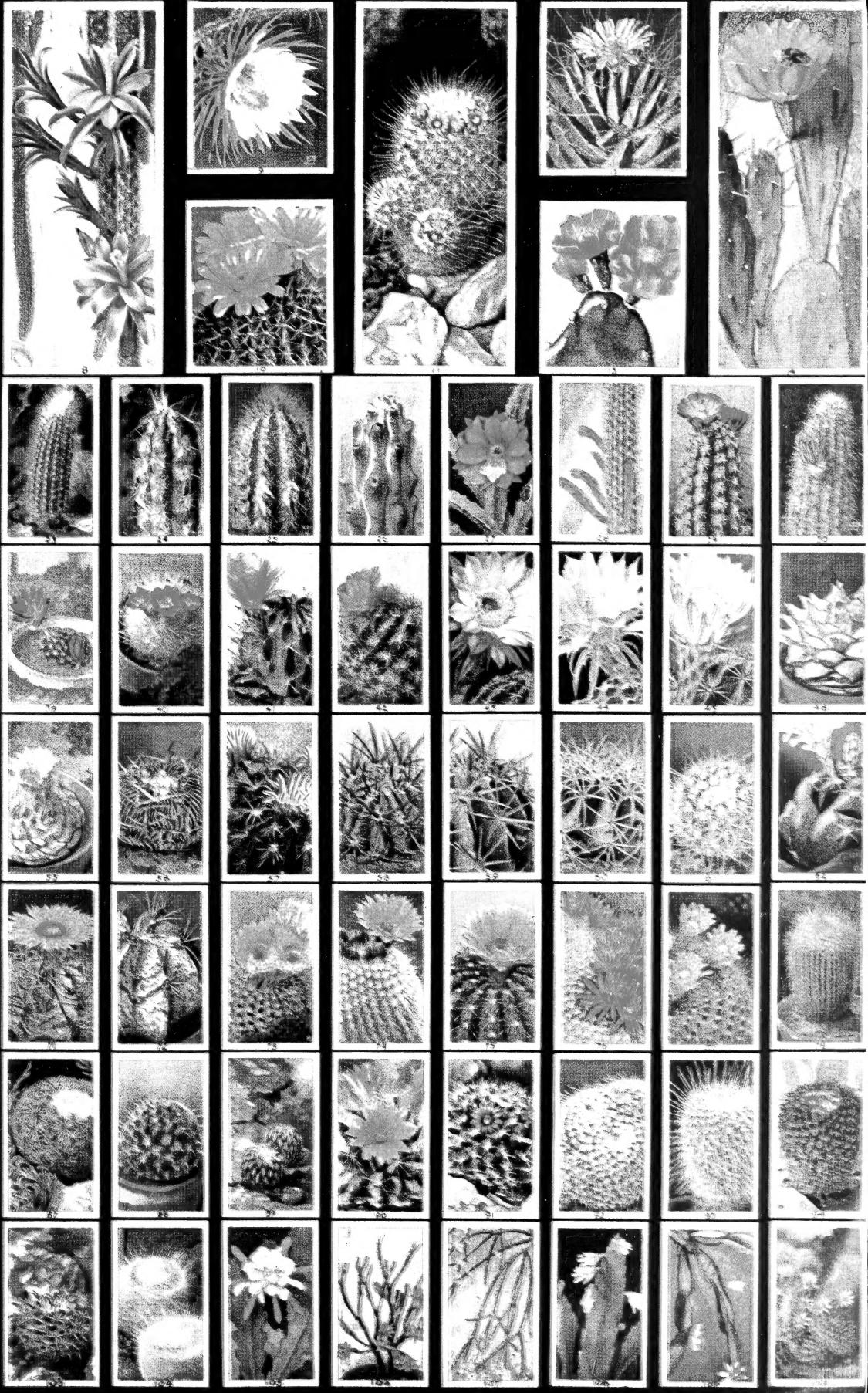
EDINBURG TEXAS



NINETEEN HUNDRED and FORTY FOUR

7/16.





## COLOR PLATE

## KEY TO ILLUSTRATED SPECIES ARRANGED ALPHABETICALLY

8. *Aporocactus flagelliformis*  
 47. *Ariocarpus fissuratus*  
 48. *Ariocarpus kotschoubeyanus*  
 46. *Ariocarpus retusus*  
 70. *Astrophytum asterias*  
 71. *Astrophytum capricorne*  
 69. *Astrophytum myriostigma*  
 72. *Astrophytum ornatum*  
 23. *Cleistocactus strausii*  
 21. *Cephalocereus hoppensiedtii*  
 4. *Cephalocereus leucocephalus*  
 20. *Cephalocereus senilis*  
 19. *Cereus jamacaru*  
 3. *Cereus validus*  
 38. *Chamaecereus silvestrii*  
 28. *Cleistocactus baumannii*  
 85. *Coryphantha bumamma*  
 84. *Coryphantha elephantidens*  
 83. *Coryphantha erecta*  
 88. *Coryphantha palmeri*  
 86. *Coryphantha poselgeriana*  
 87. *Coryphantha radians*  
 90. *Dolichothele longimamma*  
 66. *Echinocactus grusonii*  
 67. *Echinocactus horizonthalonius*  
 33. *Echinocereus blanckii*  
 30. *Echinocereus chloranthus*  
 29. *Echinocereus coccineus*  
 31. *Echinocereus dasycanthus*  
 35. *Echinocereus knippelianus*  
 32. *Echinocereus pentaphyllum*  
 36. *Echinocereus pulchellus*  
 34. *Echinocereus rigidissimus*  
 37. *Echinocereus stramineus*  
 57. *Echinofossulocactus crispatus*  
 56. *Echinofossulocactus multicostatus*  
 61. *Echinomastus mcdowellii*  
 7. *Echinopsis aurea*  
 44. *Echinopsis eyriesii*  
 43. *Echinopsis multiplex*  
 45. *Echinopsis tubiflora*  
 2. *Epiphyllum ackermannii*  
 105. *Epiphyllum crenatum*  
 51. *Epithelantha micromeris*  
 22. *Espostoa lanata*  
 6. *Ferocactus latispinus*  
 59. *Ferocactus nobilis*  
 58. *Ferocactus pringlei*  
 60. *Ferocactus uncinatus*  
 62. *Gymnocalycium denudatum*  
 63. *Gymnocalycium multiflorum*  
 64. *Gymnocalycium platense*  
 65. *Gymnocalycium quehlianum*  
 54. *Hamatocactus setispinus*  
 106. *Hatiora salicornioides*  
 27. *Helicocereus speciosus*  
 79. *Hickenia microsperma*  
 68. *Homalocephala texensis*  
 26. *Lemaireocereus beneckei*  
 12. *Leuchtenbergia principis*  
 42. *Lobivia cumingii*  
 41. *Lobivia pentlandii*  
 50. *Lophophora williamsii*  
 73. *Malacocarpus concinnus*  
 77. *Malacocarpus graessneri*  
 76. *Malacocarpus baselbergii*  
 78. *Malacocarpus leninghausii*  
 10. *Malacocarpus mammulosus*  
 75. *Malacocarpus ottonis*  
 74. *Malacocarpus scopula*  
 82. *Mamillopsis senilis*  
 11. *Mammillaria bombycina*  
 98. *Mammillaria camptotricha*  
 99. *Mammillaria candida*  
 95. *Mammillaria elegans*  
 100. *Mammillaria elongata*  
 101. *Mammillaria fragilis*  
 93. *Mammillaria geminispina*  
 104. *Mammillaria bahniiana*  
 94. *Mammillaria kewensis*  
 91. *Mammillaria magnimamma*  
 92. *Mammillaria parkinsonii*  
 102. *Mammillaria plumosa*  
 97. *Mammillaria prolifera*  
 96. *Mammillaria spinosissima*  
 103. *Mammillaria uncinata*  
 110. *Mammillaria wildii cristata*  
 80. *Melocactus intortus*  
 52. *Neopoteria fusca*  
 49. *Obregonia denegrii*  
 13. *Opuntia bonaerensis*  
 18. *Opuntia glomerata*  
 17. *Opuntia microdasys*  
 16. *Opuntia rhodantha*  
 15. *Opuntia robusta*  
 14. *Opuntia vulgaris*  
 24. *Oreocereus celsianus*  
 53. *Oroya peruviana*  
 25. *Pachycereus chrysomallus*  
 89. *Pelecyphora aselliformis*  
 40. *Rebutia fiebrigii*  
 39. *Rebutia minuscula*  
 107. *Rhipsalis cassutha*  
 108. *Rhipsalis boulletiana*  
 109. *Rhipsalis paradoxa*  
 9. *Selenicereus grandiflorus*  
 55. *Strombocactus disciformis*  
 81. *Thelocactus bicolor*  
 1. *Trichocereus schickendantzii*  
 5. *Zygocactus truncatus*

Illustrations from *Cactus* by van Laren (see page 130). Painted in Amsterdam  
by Messrs. C. Rol, J. Voerman and H. Rol.

# **CACTI AND SUCCULENTS**

## **And How to Grow Them**

(1943) 68 pages 4½ x 5½. 65 illustrations and cover in color.      25c  
(Foreign 30c)

**DESCRIPTION:** Written for the beginner who has just bought his first cactus or succulent. Explains the terms "cactus" and "succulent" and how they are named and where they are from. The cultural directions apply to both cacti and the other succulents and drawings and photographs explain the "how and why" step by step. Among the subjects included in this instructive book are: Soil Mixture. Sun and Air. Water and Rest. Pots and Potting. Bowl Planting. Window Gardens. Propagation from Cuttings, Offsets, Seeds, and by Grafting. Pest Control. How to Make a Collection. How to Avoid Winter Troubles. Common names of more than 200 of the best known cacti and succulents.

### ***CONDITIONS, TERMS, ETC.***

Due to the shortage of labor we cannot accept orders for less than \$1.00.

In order to give you nice large plants, all shipments made via Express Collect.

Cash or 25 per cent cash, balance COD, on all orders.

We will replace any damaged or unsatisfactory plants if returned to us within ten days.

Please list several substitutes or allow us to substitute for any shortages.

Pottery shown is not for sale except where priced separately. No potted cacti offered for sale.

All of our plants are grown outdoors in Texas and with proper care will grow anywhere if protected from frost and freezing. No hot house or glass house tender babies.

Buy with confidence. You may return plants for full refund for any reason . . . or without a reason.

ARIZONA GIANT — Carnegiea gigantea. Largest of all cacti. Grows one inch per year.		ORGAN PIPE CACTUS — Lemaireocereus marginatus. A beautiful white border-spine.
Small plants about 1 inch	35c	Cuts 60c
BARREL CACTUS — Ferocactus wislizenii. Only specimens on hand.	\$2.50 up	PAPER SPINED PEAR — Opuntia glomerata. With paper like spines.
BEAVERTAIL CACTUS — Opuntia basilaris. Attractive.	15c	25c
BLIND PEAR CACTUS — Opuntia rufida. From Mexico. Like Microdasy but with red spines.	15c	PRICKLY PEAR CACTUS — Opuntia lindheimeri. From the Rio Grande Valley of Texas.
BURBANK SPINELESS — Opuntia ficus indica. Also called Indian Fig cactus.	15c	25c
BUTTON CACTUS — Epithelantha micromeris. Small white button.	15c	RAINBOW CACTUS — Echinocereus rigidissimus. From West Texas.
JUMPING CACTUS or Cholla Cactus. — Opuntia bigelovii. Dangerous beautiful white spines.	15c up	25c
COWS TONGUE—Opuntia linguiformis. Grows near San Antonio, Texas. Popular long leaves.	25c up	SILVER TIP CACTUS — Lemaireocereus beneckii. Five inch cuts 60c
DAHLIA CACTUS — Wilcoxia poselgeri. Pencil cactus from Mexico. Large gorgeous flowers.	35c	STAR CACTUS — Astrophytum ornatum. 35c up
DEVIL CACTUS — Opuntia schottii. Sharpest spines of all.	25c	THIMBLE CACTUS — Mammillaria fragilis. A true miniature.
DEVIL'S HEAD CACTUS — Homalocephala texensis. Used by the Mexicans in candy making.	35c	15c
EASTER LILY CACTUS — Echinopsis hybrid. Free bloomer.	15c	TOTUM POLE — Lophocereus Schotti monstrosus. Rare.
ECHINOPSIS EYRIESII. Many white flowers.	25c	Cuts 75c
GOLDEN BARREL CACTUS — Echinocactus grusonii. A must for every collection.	30c up	NYCTOCEREUS SERPENTINUS grafted on Lemaireocereus prunosis.
JOSEPH'S COAT — Opuntia monacantha variegata. Beautiful red and white and green leaves.	25c	Prunosis 18 inches high \$2.50
MEXICAN DWARF TREE CACTUS—Opuntia vallis. A miniature tree cactus. Pretty.	25c	CHAMAEUCEREUS SILVESTRII grafted on 18 inch Lemaireocereus prunosis.
MOON CEREUS — Selenicereus grandiflora. One of the largest flowers.	25c	\$2.50
MYRTLE CACTUS — Myrtillocactus geometrizans. Bluish green plant.	25c; large cuts 75c	LOPHOPHORA WILLIAMSII grafted on 18 inch Lemaireocereus prunosis.
NIGGERHEAD CACTUS — Echinocactus horizonthalonius. Large spines.	25c	\$2.50
		ECHINOCEREUUS PENTALOPUS grafted on 18 inch Lemaireocereus prunosis.
		\$2.50
		OPUNTIA MAMILLATA CRISTATA grafted on 18 inch Lemaireocereus prunosis.
		\$2.50
		LEMAIREOCEREUS PRUNOSIS cuts for grafting stock.
		75c per foot
		ACANTHOCEREUS PENTAGONUS cuts for grafting stock.
		60c per foot
		EUPHORBIA SIMILIS. Large
		\$2.50
		MEXICO SPECIAL— Astrophytum asterias, Lophophora williamsii, Thelocactus bicolor, Opuntia microdasy, Opuntia rufida, and Ariocarpus fissuratus. All for \$1.25. Ask for collection R-C.
		DWARF TREE OPUNTIA — Opuntia Villis. Well formed little tree.
		6 inch 25c; smaller 3 inch 16c



### CACTUS SEED

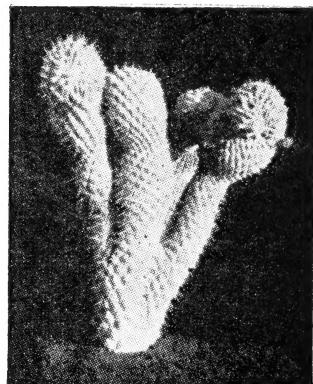
Choice mixed seed, *Astrophytum asteria*, *Hamatocactus setispinus*, *Anacistrocactus scheeri*, *Ferrocactus wislizenii*, *Homalocephala texensis* and others. Easy to grow. 50c, 25c, and 15c



### GLORY OF TEXAS

(*Thelocactus bicolor*)

Grows in one county in U. S. only. Beautiful brilliant pink flowers. 4 to 5 inch plants 45c. Small 2 to 3 inch plants 23c.



### BOXING GLOVE

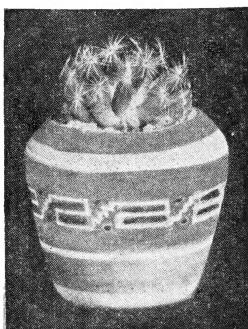
(*Opuntia mammillata cristata*)

Grows in the shape of a boxing glove. Completely crested plants, 2 inch to 4 inch 33c; Plants that will grow into a crest later on, 2 to 3 inches 16c



### BUNNY EARS (*Opuntia microdasys*)

Golden yellow glochids, make this an outstanding specimen. Also called Velvet Cactus, this comes from romantic old Mexico. 10 inch plants 50c. 4 inch smaller ones 16c



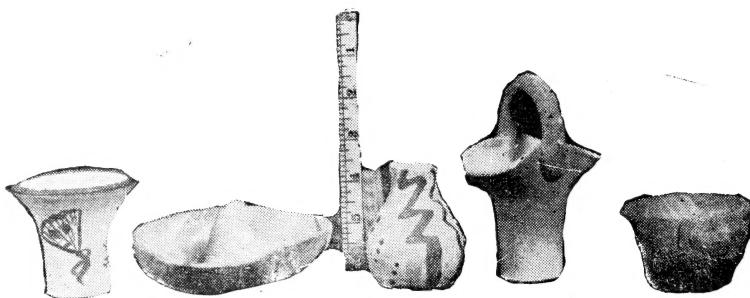
### NIPPLE CACTUS (*Dolichothele spaerica*)

Very rare. Most beautiful of all Texas cacti. Large yellow flowers. Large 3 inch plants 37c Smaller 1½ inch 19c



### GOLDEN SEDUM (*Sedum adolphii*)

A golden yellow plant. Very outstanding. Plant 3 inches 14c

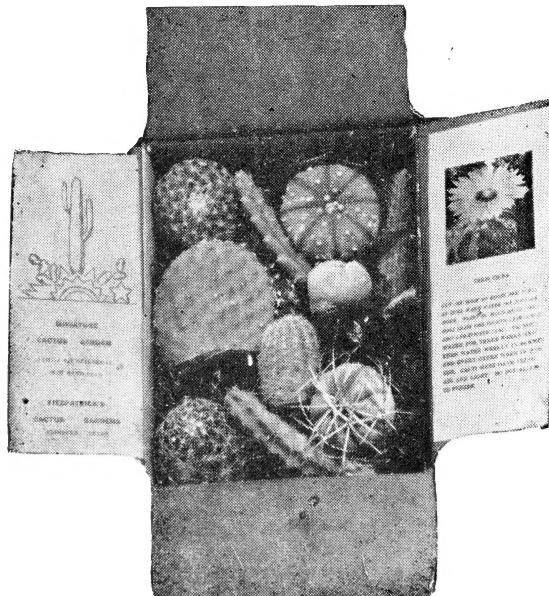


**POTTERY.** Assorted shapes and sizes of Mexican-Indian highly colored pottery, about 3 inch. 15c each.  
Made for cactus plants.

"Enclosed is check for \$1.00 to cover cost of two Aloe Vera plants which you forwarded by Express to me in Baltimore. You will be pleased to know that the doctors at the Marine Hospital in Baltimore were very much interested in the cactus treatment for burns. They had heard of it, of course, but apparently had not had or made an opportunity to put it into practice.

Mrs. Jones writes that the doctor in charge of her case is very well pleased with the rapid healing of her wound. It will soon be ready for skin grafting which is indeed splendid.

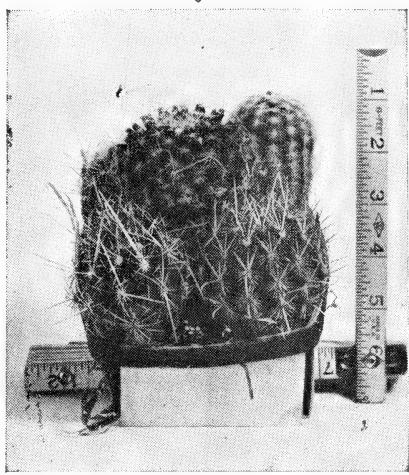
Thank you for all of the extra trouble to which you have gone to help us." — E. N. Jones, Pres. Texas College of Arts and Industries.



#### **MINIATURE CACTUS GARDEN**

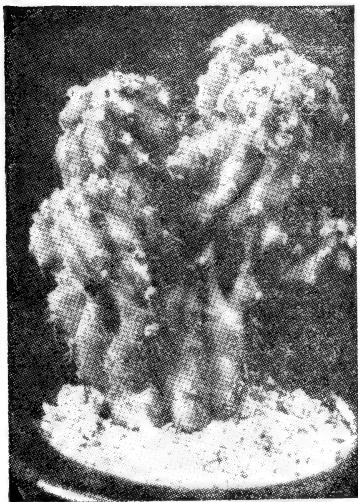
as shown at left with the following cacti: *Lophophora williamsii*, *Hamatocactus setispinus*, *Thelocactus bicolor*, *Mammillaria hemisphaerica*, *Chamaecereus silvestrii*, *Echinocereus pentalopus*, *Opuntia imbricata*, *Nyctocereus serpentinus*, *Opuntia leptocaulis*, and *Dolichothele spaerica* . . . Complete with growing directions for \$1.50.

**Collection A**



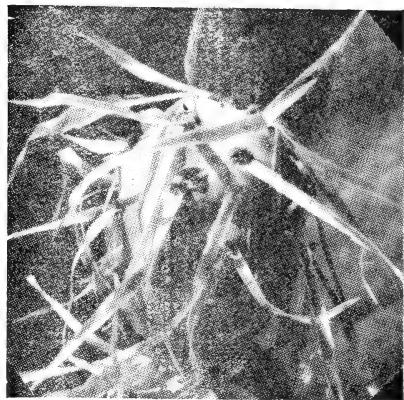
**Collection B**

Basket of five Rio Grande Valley Cactus. Blooming size, 45c each. A real value.



**CURIOSITY PLANT**  
(*Cereus peruvianus*  
*monstruosus*)

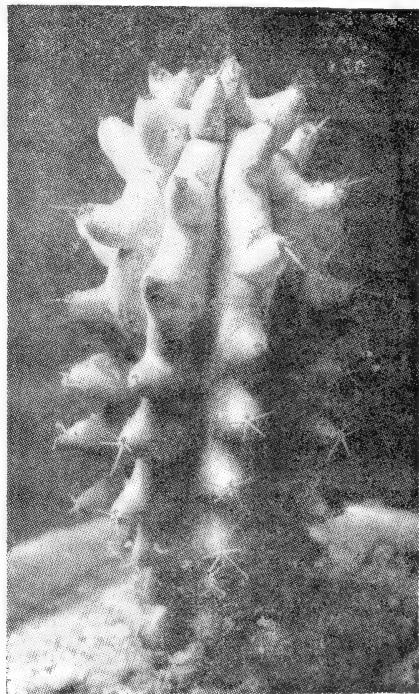
A freak plant, forming in many grotesque shapes. Always attracts attention.  
10 inch plants \$1.00. 4 to 6 inch cuts 48c.



**PAPER SPINED OPUNTIA**  
(*Opuntia glomeratus*)

This cactus from Argentina has paper ribbons instead of spines. A most unusual cactus.

Small only 2 inches 33c



**SILVER CANE CACTUS**  
(*Lemaireocereus beneckii*)

Covered with white powder. An unusual plant in any collection.  
6 inch 73c; 3 inch 27c

COB CACTUS — *Echinocereus enneacanthus*. Also called strawberry cactus for its delicious fruit. Large purple flowers. 50c and 15c

ORANGE TUNA — *Opuntia elata*. — Large yellow flower and large yellow tuna. One of the most attractive opuntias. Plant 35c, cut 15c

DEER TONGUE — *Nopalea auberi*. — Red flowers longer than any other opuntia. Plant 35c, cuttings 15c

NOPALEA VARIEGATA — Most attractive form of nopalea. Like Josephs coat only more vigorous.

Plants 35c, cuts 15c

HAWORTHIA MINIMA 15c, H. subrigida 25c, H. radula hybrid 25c. H. fasciata 35c.

EUPHORBIA TRIANGULARIS 35c, E. ssquarrosa 50c, E. lactea 25c, E. Echinus 25c, E. similis large \$2.00, E. candelabra \$1.50, E. pseudocactus \$1.00, E. canariensis 35c, E. aggregata 35c.

SCARLET BUGLER — *Cleistocactus baumannii*. Brilliant scarlet flowers. Easily grown. 16c

WOOLY TORCH CACTUS. *Cephalocereus palmeri*. Powdery blue plant body with snow white hair. 6 inch specimens 75c

MONVILLEA DIFFUSA — An unusual plant. 15c

CANDELABRA CACTUS — *Lemaireocereus weberi*. Will grow into a giant candelabra. Small plants 35c

PILOCEREUS NOBILIS — 35c

HARRISIA MARTINII — Nocturnal white flowers. Fast growing. Small plants 35c

OPUNTIA TEPROCACTUS, each 25c

OPUNTIA CYLINDRICA. Most attractive of cholla type cacti. 15c

AUTOGRAPH CACTUS — Have your friends autograph this plant with any sharp object for a living memorial. 27c

PACHYCEREUS PRINGELI — A giant type cactus. Growing to immense size in many years. 5 inch plants 35c

OWL'S EYES — *Mamillaria parkinsonii*. White spines, yellow blossoms. From Old Mexico.

Specimen plants 50c and 25c

AGAVE NICKELSAE — Looks like Agave victoria. White striped leaves. A true beauty. Plants 35c

ESCOBARIA RUNYONII — A recent discovery. Named for former Mayor of Brownsville, Texas. A miniature. 13c

OPUNTIA BRASILENSIS — From Brazil. A beautiful tree type plant. Round trunk with flat leaves.

Plants 15c

AIR PLANT — *Bryophyllum tubiflorum*. A curiosity. Plants 10c

CENTURY PLANT — *Agave Americana*. With yellow striped leaves. 25c up

MAGEY PLANT — *Agave deserti* — From Mexico. Plant that tequila is made from. 25c up

CHRISTMAS CHEER — *Sedum guttalaense*. Bright red succulent. 10c

COCONUT PALM — *Bryophyllum Houghton Hybrid* — Looks just like miniature palm. 10c

CORN COB EUPHORBIA — *Euphorbia mamillaria*. Small plants 25c

COWS HORN — *Euphorbia grandicornis*. A large type fast growing euphorbia. From Africa. Small specimens 37c

CROWN OF THORNS — *Euphorbia splendens*. Most popular of all euphorbias. 25c

ELEPHANT BUSH — *Portulacaria afra*. Bush with bright green leaves. Elephants feed on this plant. Small 9c

GHOST PLANT — *Byrnesia weinbergi*. Best known of all succulents. Will thrive on neglect. Attractive. Plans 9c

GIANT TOAD PLANT — *Stapelia gigantea*. Produces large star shaped flowers with terrible odor. 15c

GOOD LUCK PLANT — *Sansevieria zeylanica*. One of the most popular of all succulents. 15c

MEXICAN LOVE PLANT — *Bryophyllum pinnatum*. A leaf will grow if pinned on a curtain. 9c

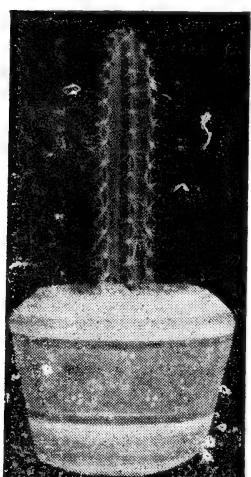
MOTHER-IN-LAW TONGUE. *Gasteria*. Attractive plants. 25c

PEN WIPER — *Kalanchoe marmorata*. A purple spotted leaf. Attractive and desirable. 15c

SPROUTING LEAF — *Bryophyllum diagremontium*. Produces small plants from each leaf. 9c

STAR FISH (Toad Plant) — *Stapelia variegata*. Most popular of all stapelias. Star shaped flower. Each 9c

FITZPATRICK'S CACTUS GARDENS, EDINBURG, TEXAS



**ACANTHOCECUS** *pentagonus* A fast growing night blooming cereus. 15¢



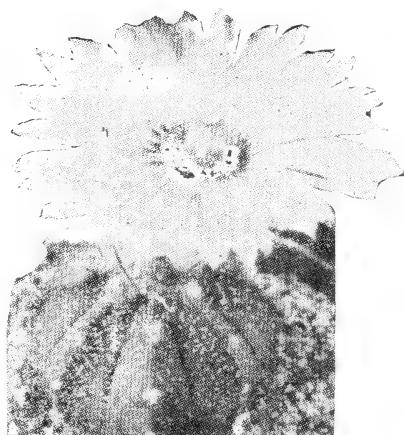
**ANCISTROCACTUS** *scheeri* A fish hook cactus with greenish yellow flowers 15¢

**ANHALONIUM** *zieglerii* Mexico \$1.25

**APOROCACTUS** *flagelliformis* -8- Rat tail cactus. Large pink flower. 25¢



**ARIOCARPUS** *fissuratus* -47- Living rock Flowers light pink. 15¢



**ASTROPHYTUM** *asterias* -70- Sea urchin A rare spineless cactus. 25¢

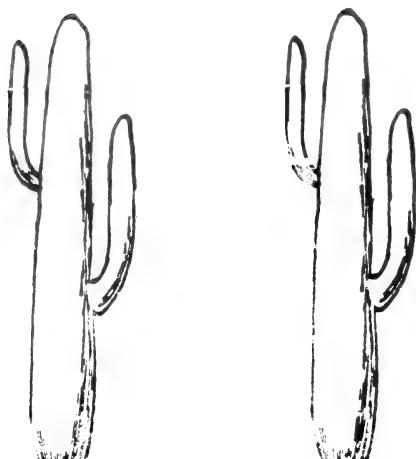
**A.** *myriostigma* Bishops cap 35¢

**A.** *ornatum* -72- yellow spines large \$2.50

**A.** *potma*. Bishops cap with 5 corners. \$2.50



FITZPATRICK'S CACTUS GARDENS, EDNBURG, TEXAS



CARNEGIA *gigantea* Arizona giant small plants will grow an inch a year 25¢

CEPHALOCEPUS *palmeri* White hair \$1.25

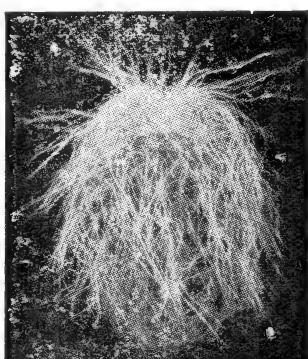


*C. peruvianus* tall fast growing Peru 15¢

*C. p. monstrose* a freak unusual 48¢

*C. schmolli* small rare hard to grow \$1.25

*C. vildas* bluish green 20¢



CEPHALOCEPUS *senilis* Old Man of the Mountain. white hair 25¢

CEREUS *geometrizans* Tall growing Mex. \$1.25 CHAMALCEREUS *silvestrii* -38- peanut cactus

*C. hoppelstedtii* Mexican \$1.25

*C. marginatus* white margin pretty \$1.25



easily grown free bloomer small type 15¢

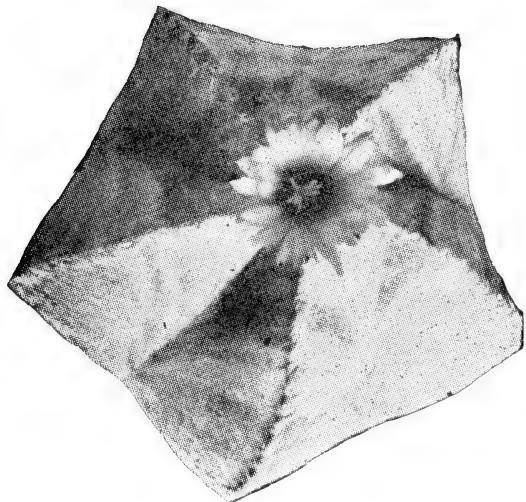
CLEISTOCACTUS *strausii* silver torch 85¢

*C. baumanii* -28- scarlet bugler tall growing 35¢

CORYPHANTHA *macromeris* 15¢

*G. runyonii* large purple flower 15¢

**C. VIVIPARA 25 CENTS**



### BISHOP'S CAP

(*Astrophytum myriostigma*)

No spines. This attractive plant with five sides grows on the mountain sides in Old Mexico. Very rare and a gem. 1½ inch 33c. Smaller plants 1 inch, 19c.



### PERUVIAN APPLE CACTUS

(*Cereus peruvianus*)

One of the fastest growing tall varieties of cactus. Used extensively for grafting stock.

Cuts 60c ft.; 2 inch 13c

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"I won sweepstake in the Associated Garden Clubs in November with my cactus."  
—Mrs. Clark, Utah.

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### MEXICAN PINE

(*Opuntia leptocaulis*)

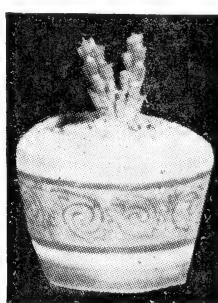
Called "tasajillo" by the Mexicans, this plant produces a beautiful little tree. 12 inch plant 60c; 5 inch plant 13c.



### SACRED MUSHROOM

(*Lophophora williamsii*)

The world famous peyote or Mescal Button cactus used by the Indians in religious ceremonies. Many books written about this plant. Large plants 50c to \$1.00. Smaller 3 inch plants 27c

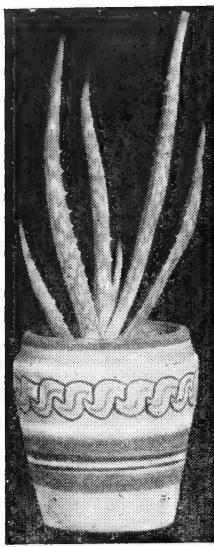


### TOAD PLANT

(*Stapelia variegata*)

No spines. Beautiful flower with terrible odor. Star shaped flower.

Small 3 inch 15c



**ALOE VERA**  
(Unguentine Plant)

Used to heal burns . . . especially X ray and Radium burns.

Large plant \$1.00  
Small 3 inch plant 25c



**LADY FINGER CACTUS**  
(*Echinocereus pentalophus*)

Beautiful bright green plants with long purple flowers. A must for every collection. Large clusters  
60c; 3 inch 17c



**RED BIRD CACTUS**  
(*Pedilanthus aphylla*)

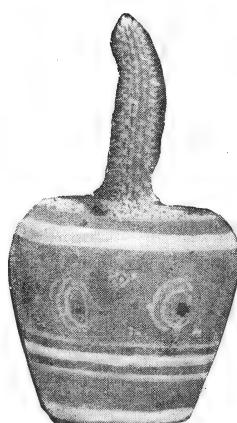
Has a miniature red bird for a flower. Bright green leaves. 6 inch plant 18c



**TREE CACTUS**  
(*Opuntia imbricata*)

In Mexico this plant produces dark purple blossoms, and a nesting place for the cactus wren.

12 inch plants 50c  
3 inch plants 17c



**SNAKE CACTUS**  
(*Nyctocereus serpentinus*)

A prime favorite in every collection. Gorgeous, fragrant white flowers at night. Young spines are bright red.

12 inch 45c; 4 inch 19c



**BRAZILIAN TREE**  
(*Opuntia brasiliensis*)

This cactus from Brazil has a round trunk and flat pads. Bright yellow blossoms.

12 inch plants 75c  
4 inch plants 27c

## Choice Collections

### COLLECTION CS 50

50 Species of choice cacti and succulents. Our selection \$4.85

### COLLECTION C 50

50 Species of choice cacti . . . no succulents. Our selection of best available at the time.

Total price . . . \$5.85

### COLLECTION CS 100

100 Species of choice cacti and succulents. Our selection \$9.85



#### CRASSULA ARGENTEA

Famed jade plant. Most beautiful of all succulents. Specimen plant 18 inches tall sold for \$35.00 at a recent Houston flower show. Plants with 3 heads 50c; with 1 head 15c

"One year ago last July we visited your Gardens and bought several plants which served as the beginning of an indoor cactus garden which we've enjoyed very much. Your plants were all nice and healthy."—Mrs. J. G. Schuckenbrock, Missouri.

"The box of Cactus arrived Monday of this week and I must say that I was greatly pleased with them and appreciated very much your making the selection I asked for. I can certainly recommend your firm to any one wanting Cactus."—Mrs. Bessie L. Harrington, Kansas.

"The package of cacti ordered from you arrived Monday in excellent shape. Every plant in good order and just what I was hoping I'd get."—Beahm Gardens, California.

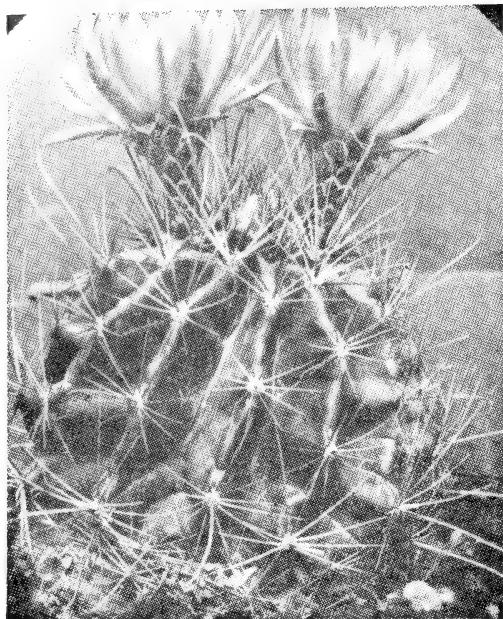
"Cactus arrived yesterday in fine shape . . . That was a dandy Sea Urchin you sent us."—The Birchwood, N. Y.



Parrakeets, White King Pigeons, and Registered English Cocker Spaniels.  
Write for Prices



A popular arrangement.  
This type pottery found in most stores dealing in pottery.



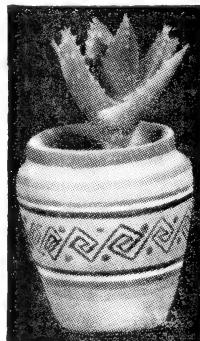
**TWISTED RIB CACTUS  
(*Hamatocactus setispinus*)**

Sometimes called fish hook cactus and also called hedge hog cactus. This cactus is believed to produce more flowers than any other small type cactus plant. Large yellow flowers. 4 to 5 inch plants 25c; 2 to 3 inch smaller ones 13c.



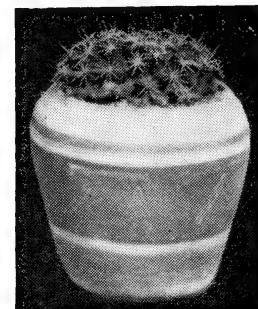
**EUPHORBIA  
LACTEA  
From India**

Has a milk like sap. Marbled beauty.  
Large 75c  
Small 4 inch 25c



**HEDGEHOG  
ALOE  
(*Aloe humilis*)**

Small gray green plant. Most popular of all aloes.  
3 inch plant 15c



**PIN CUSHION  
CACTUS  
(*Mammillaria  
hemisphaerica*)**

Bears beautiful edible red fruit . . . two years following white flowers. Large plants 4 or 5 inches 33c; 2 or 3 inch plants 17c

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"My cactus were in fine condition, thank you for the extra one. I shall order some more different ones Christmas." — Mrs. Chas. Yearsley, Ohio.

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**BUTTON CACTUS  
(*Epithelantha micromeris*)**

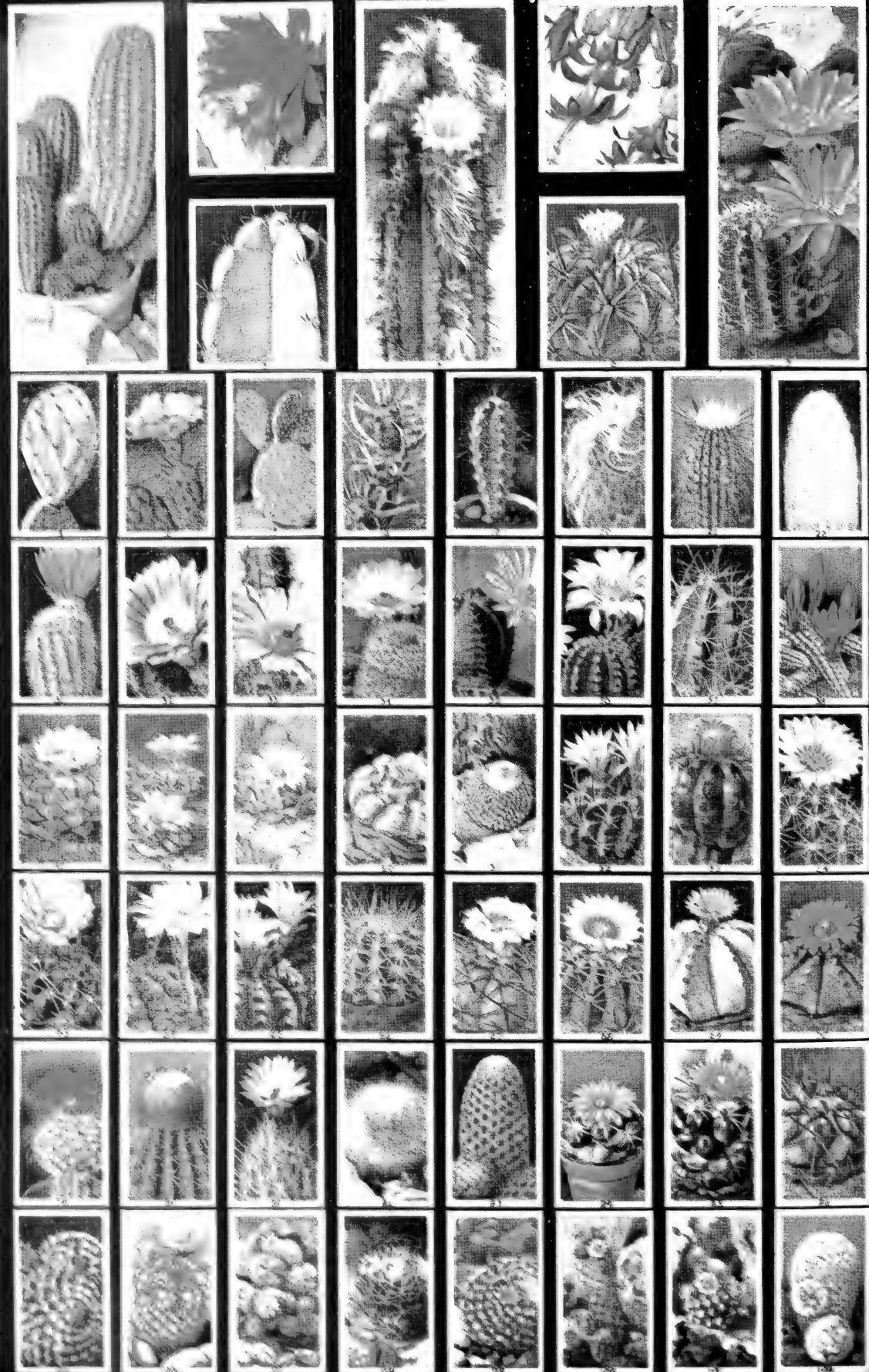
Also called golf ball cactus. This plant bears harmless spines and is white colored and looks like a golf ball. From old Mexico. Clusters 45c. Smaller mature plants 17c each.

## COLOR PLATE

The following Plate of 110 pictures of cacti shows many of the genera so that one may gain some idea of the different forms and their fascinating names. This list will be found valuable in using catalogs and will guide amateurs in starting a collection. Illustrations from *Cactus* by van Laren.

## KEY TO ILLUSTRATED SPECIES ARRANGED IN NUMERICAL ORDER

1. *Trichocereus schickendantzii*
2. *Epiphyllum ackermannii*
3. *Cereus validus*
4. *Cephalocereus leucocephalus*
5. *Zygocactus truncatus*
6. *Ferocactus latispinus*
7. *Echinopsis aurea*
8. *Aporocactus flagelliformis*
9. *Selenicereus grandiflorus*
10. *Malacocarpus mammulosus*
11. *Mammillaria bombycinia*
12. *Leuchtenbergia principis*
13. *Opuntia bonaerensis*
14. *Opuntia vulgaris*
15. *Opuntia robusta*
16. *Opuntia rhodantha*
17. *Opuntia microdasys*
18. *Opuntia glomerata*
19. *Cereus jamacaru*
20. *Cephalocereus senilis*
21. *Cephalocereus hoppenstedtii*
22. *Espositoa lanata*
23. *Cleistocactus strausii*
24. *Oreocereus celsianus*
25. *Pachycereus chrysomallus*
26. *Lemaireocereus beneckeii*
27. *Helioocereus speciosus*
28. *Cleistocactus baumannii*
29. *Echinocereus coccineus*
30. *Echinocereus chloranthus*
31. *Echinocereus dasycanthus*
32. *Echinocereus pentalophus*
33. *Echinocereus blandii*
34. *Echinocereus rigidissimus*
35. *Echinocereus knippelianus*
36. *Echinocereus pulchellus*
37. *Echinocereus stramineus*
38. *Chamaecereus silvestrii*
39. *Rebutia minuscula*
40. *Rebutia fiebrigii*
41. *Lobivia pentlandii*
42. *Lobivia cumingii*
43. *Echinopsis multiplex*
44. *Echinopsis eyriesii*
45. *Echinopsis tubiflora*
46. *Ariocarpus retusus*
47. *Ariocarpus fissuratus*
48. *Ariocarpus kotschoubeyanus*
49. *Obregonia denegrii*
50. *Lophophora williamsii*
51. *Epithelantha micromeris*
52. *Neopoteria fusca*
53. *Oroya peruviana*
54. *Hamatocactus setispinus*
55. *Strombocactus disciformis*
56. *Echinofossulocactus multicostatus*
57. *Echinofossulocactus crispatus*
58. *Ferocactus pringlei*
59. *Ferocactus nobilis*
60. *Ferocactus uncinatus*
61. *Echinomastus macdowellii*
62. *Gymnocalycium denudatum*
63. *Gymnocalycium multiflorum*
64. *Gymnocalycium platense*
65. *Gymnocalycium queblianum*
66. *Echinocactus grusonii*
67. *Echinocactus horizonthalonius*
68. *Homalocephala texensis*
69. *Astrophytum myriostigma*
70. *Astrophytum asterias*
71. *Astrophytum capricorne*
72. *Astrophytum ornatum*
73. *Malacocarpus concinnus*
74. *Malacocarpus scopo*
75. *Malacocarpus ottonis*
76. *Malacocarpus haselbergii*
77. *Malacocarpus graessneri*
78. *Malacocarpus leninghausii*
79. *Hickenia microsperma*
80. *Melocactus intortus*
81. *Thelocactus bicolor*
82. *Mamillopsis senilis*
83. *Coryphantha erecta*
84. *Coryphantha elephantidens*
85. *Coryphantha bumamma*
86. *Coryphantha poselgeriana*
87. *Coryphantha radians*
88. *Coryphantha palmeri*
89. *Pelecyphora aselliformis*
90. *Dolichothele longimamma*
91. *Mammillaria magnimamma*
92. *Mammillaria parkinsonii*
93. *Mammillaria geminispina*
94. *Mammillaria kewensis*
95. *Mammillaria elegans*
96. *Mammillaria spinosissima*
97. *Mammillaria prolifera*
98. *Mammillaria camptotricha*
99. *Mammillaria candida*
100. *Mammillaria elongata*
101. *Mammillaria fragilis*
102. *Mammillaria plumosa*
103. *Mammillaria uncinata*
104. *Mammillaria bahiana*
105. *Epiphyllum crenatum*
106. *Hatiora salicornioides*
107. *Rhipsalis cassutha*
108. *Rhipsalis boulletiana*
109. *Rhipsalis paradoxa*
110. *Mammillaria wildii cristata*



# Cultural Guide for Cacti and Other Succulents

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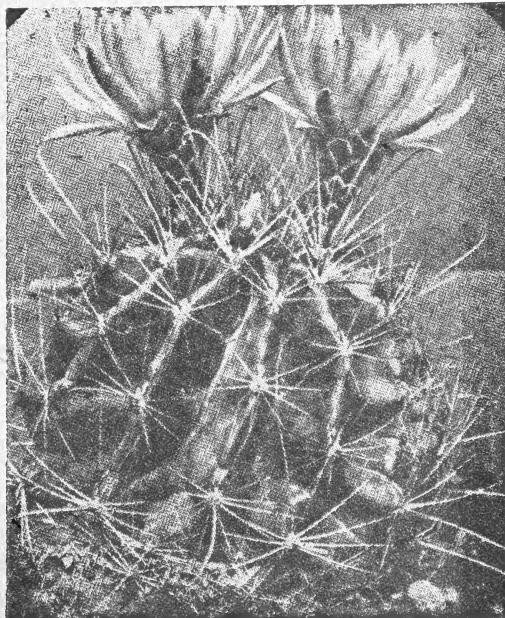
**Soil Mixture**—The best soil mixture consists of equal parts of loam, leaf mold and coarse sand with about 1 per cent charcoal and old plaster added, screen thru quarter inch mesh wire. Place the plants in the container and put in soil mixture up to the previous soil mark and tamp firmly. Finally, spread a thin layer of gravel on top soil.

**WATER**—CACTI MAY BE WATERED WHEN THE SOIL BECOMES DRY EVEN DAILY IN HOT WEATHER—BUT DO NOT SOAK. TO BLOOM, CACTI MUST BE DORMANT DURING WINTER.

**SUN**—ALL SUCCULENTS REQUIRE SUNLIGHT BUT VERY LITTLE DIRECT SUN.

## **DO NOT ALLOW TO FREEZE**

**TWISTED RIB CACTUS**  
(*Thelocactus Bicolor*)







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**Fitzpatrick's  
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*Edinburg, Texas*